Sun VERTIKALS

THE ORIGINAL

T.M. Reg. — U.S. Pat. Office

CONTEMPORARY
ECONOMICAL
BEAUTIFUL
DURABLE
MAINTENANCE-FREE

- **OFFICE BUILDINGS**
- **HOTELS**
- **SCHOOLS**
- **RESIDENCES**
- **HOSPITALS**

British Columbia Electric Building
Vancouver, B. C., Canada
Thompson, Berwick & Pratt, Architects

National Headquarters
Girl Scouts of the U. S. A.
New York City, N. Y.
William T. Meyer, Architect
Skidmore, Owings & Merrill,
Consulting Architects

CBS Building
os Angeles, Calif.
ereira & Luckman,
Architects

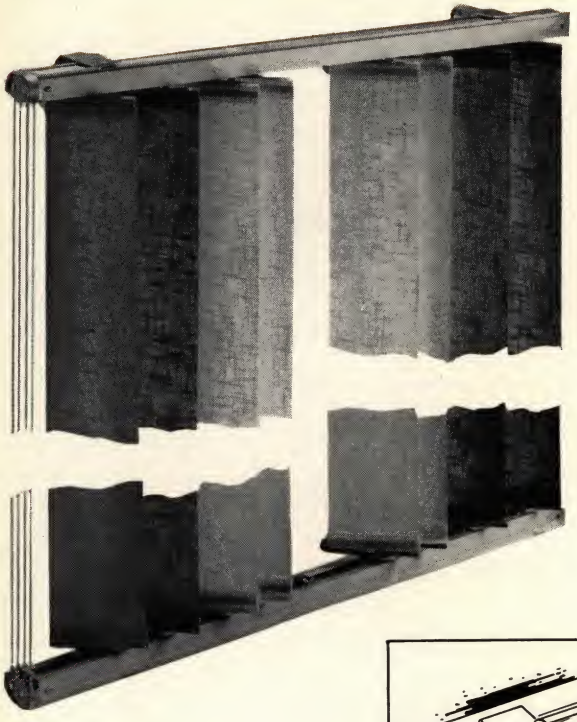
A.I.A File No. 35-P-3

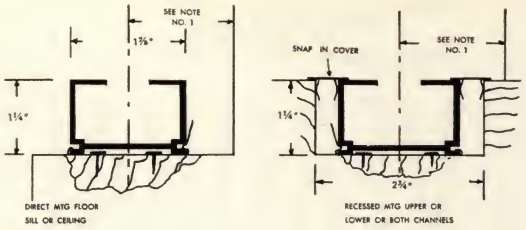
SUN VERTIKAL BLIND COMPANY

BOX 112 GRAND RAPIDS 4, MICHIGAN

Sun VERTIKAL BLINDS

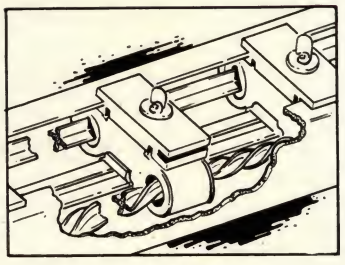
AD 7-12



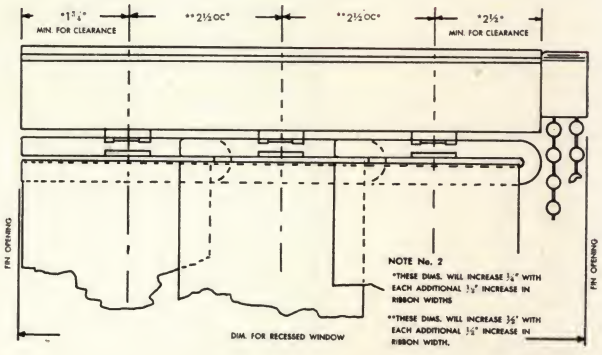


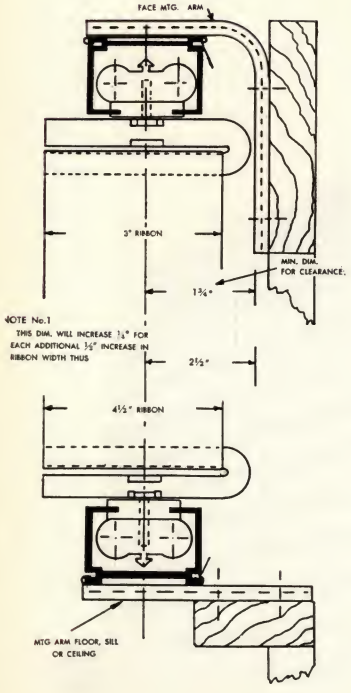
*MODEL TFD

TRAVERSING, FABRIC, DOUBLE CHANNEL



Drawing of Upper and Lower Channels


*1¾" MIN. FOR CLEARANCE
**2½OC"
**2½OC"
*2½" MIN. FOR CLEARANCE
FH. OPENING
FH. OPENING
NOTE No. 2
*THESE DIMS. WILL INCREASE ¾" WITH EACH ADDITIONAL ½" INCREASE IN RIBBON WIDTHS
**THESE DIMS. WILL INCREASE ½" WITH EACH ADDITIONAL ½" INCREASE IN RIBBON WIDTH.
DIM. FOR RECESSED WINDOW



*MODEL TFS

TRAVERSING, FABRIC SINGLE CHANNEL

*Patented — Other Patents Pending
**Reg. U.S. Pat. Office

GENERAL SPECIFICATIONS

SUN VERTIKAL Blinds, Model No. (TFD, TFS or NFD) shall be furnished and installed in full accordance with manufacturer's standards and recommendations. Blinds shall be installed in locations as shown on drawings, complete with necessary fastenings, controls and finishes. Parts shall be of proper materials, gauge and finishes to assure smooth maintenance-free operation. Louvers shall be **Perma Shan, **Perma Tex, **Perma Sun, **Perma Faille of color selected. Shop drawings shall be submitted for approval before fabrication. General contractor shall confirm all dimensions in the field at earliest possible date.

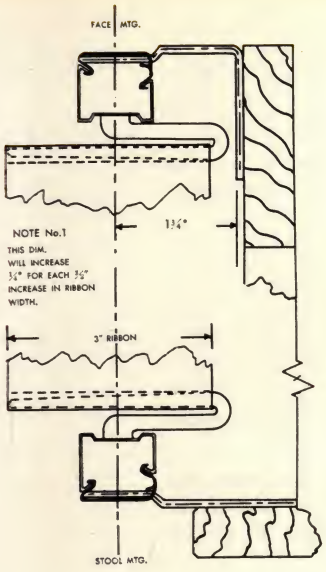
Blinds shall be expertly installed by a Sun Vertikal Blind Company authorized contractor to insure proper functioning.

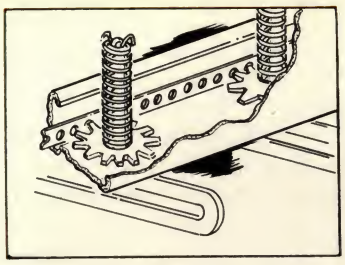
DETAIL SPECIFICATIONS

A. SCOPE: SUN VERTIKAL Blinds shall be furnished and installed in locations indicated on drawings, complete with necessary fastenings, controls and finishes. Shop drawings shall be submitted for approval before fabrication. General contractor shall confirm all dimensions in the field at earliest possible date.

B. TYPE: Blinds shall be Model No. (TFD, TFS or NFD or custom line) manufactured by the Sun Vertikal Blind Company, Grand Rapids, Michigan. If alternate manufacturers are proposed, samples shall be submitted for approval of equal quality, appearance, operation and reliability.

C. LOUVRES: Blinds shall consist of a series of vertikal louvres (spring-tensioned in double channel models) of height, width and number required to cover openings as shown on drawings. Louvre shall be (3", 6" or etc.) wide, overlapping approximately ½" on adjoining louvres in closed position. Louvres

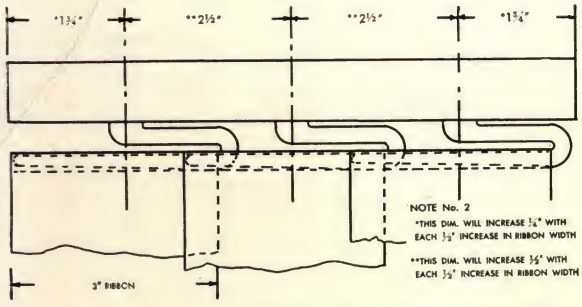


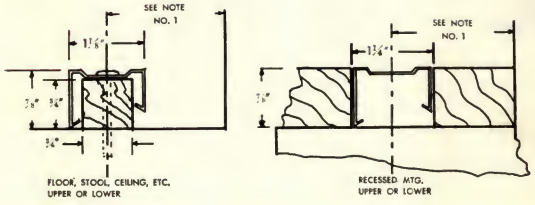


Drawing of Upper and Lower Channels

*MODEL NFD

NON-TRAVERSING, FABRIC DOUBLE CHANNEL


*1¾"
**2½"
**2½"
*1¾"
NOTE No. 2
*THIS DIM. WILL INCREASE ¾" WITH EACH ½" INCREASE IN RIBBON WIDTH
**THIS DIM. WILL INCREASE ½" WITH EACH ½" INCREASE IN RIBBON WIDTH
3" RIBBON



shall be fabricated from **Perma Shan, **Perma Tex, **Perma Sun, **Perma Faille of colors selected by the architect. Color samples shall be furnished by the Sun Vertikal Blind Company for approval.

D. MECHANISM:

Model No. TFD

1. Carriers at both ends of each louvre shall rotate louvre 180° about a vertical axis, remaining fixed at any desired angle until reset by controls. Traversing mechanism shall stack louvres (at right side, at left side, or half at each side) when louvres are in either open or semi-closed positions. Louvres stack to ¾".
2. Controls shall consist of two bead chains, both located at one side or one at each side of window, for traversing and rotating louvres.
3. Housings enclosing drive mechanism and carriers shall consist of extruded aluminum channels (1⅞" x 1¼") of 6063-T6 aluminum alloy with satin-anodized finish. Ends shall be capped and provided with sprockets for transmitting power to drives. Housings shall be securely mounted on brackets in accordance with conditions at top and bottom of openings.
4. All parts shall be fabricated of proper materials, gauges and finishes to provide smooth, maintenance-free operation.

Model No. TFS

1. Carrier at top of each louvre shall rotate louvre 180° about a vertical axis, remaining fixed at any desired angle until reset by controls. Traversing mechanism shall stack louvres (at right side, at left side, or half at each side) when louvres are in either open or semi-closed positions. Louvres stack to ¾".
2. Controls shall consist of two bead chains, both located at one side or one at each side of window, for traversing and rotating louvres in unison. Lower ends of louvres shall contain metal stiffeners connected by continuous bead chains extending to magnetic fastenings at sides or center of opening.
3. Housing to enclose drive mechanism and carriers shall consist of extruded aluminum channel (1⅞" x 1¼") of 6063-T6 aluminum alloy with satin-anodized finish. End shall be capped and provided with sprockets for transmitting power to drives. Housing shall be securely mounted on brackets in accordance with conditions at top of openings.
4. All parts shall be fabricated of proper materials, gauges and finishes to provide smooth, maintenance-free operation.

Model No. NFD

1. Drive shall consist of gears at ends of each louvre rotating louvres 180° about a vertical axis to any desired position until reset by controls.
2. Controls shall consist of ¼" square rod, extruded from 6063-T6 aluminum, or cadmium-plated steel, attached top and bottom to a pair of louvre hooks. Rotating rod by means of an adjustable handle shall turn the attached pair of hooks to the desired position, and through the perforated rack, drive all other hooks to a parallel position. Separate controls, if desired, for drape and center sections.
3. Housings enclose drive mechanisms in channels roll-formed to 1⅛" x ⅞" section from 20 gauge steel. Close ends of channels with 28 gauge steel caps. Mount channels at top and bottom of openings on cadmium-plated brackets of various shapes as shown or as necessary for existing condition.
4. All parts shall be fabricated of proper materials, gauges and finishes to provide smooth, maintenance-free operation.

E. INSTALLATION AND GUARANTEE: Blinds shall be expertly installed by Sun Vertikal Blind Company authorized contractors to insure proper functioning, including degree of tension, plumbness, strength and adjustment for ease of operation. All materials and parts shall be guaranteed by the Sun Vertikal Blind Company for one year after acceptance of completed work.

NOTE: FOR CUSTOM MODELS SEE PAGE FOUR

CUSTOM MODELS

Custom SUN VERTIKAL Blinds

In order to best accommodate the creative ideas and particular requirements established by architects, interior designers, builders and owners, the Sun Vertikal Blind Company continues to provide all types of custom designs, principally for large-scale projects, for which technical and manufacturing facilities must be ideally suited.

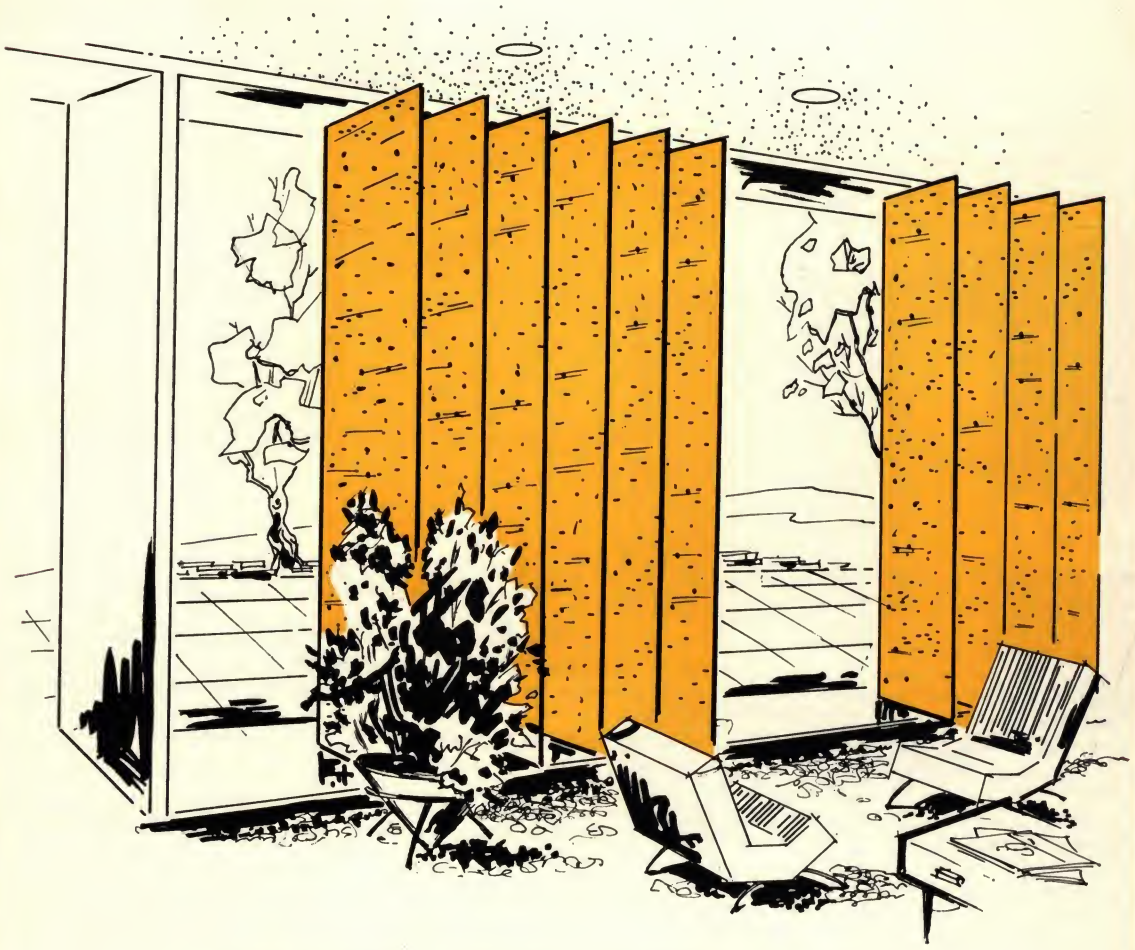
Materials, size and shape of louvres and type of operation are determined on the basis of requirements and are completely tested in full-size mock-ups prior to installation.

Some typical louvre materials:

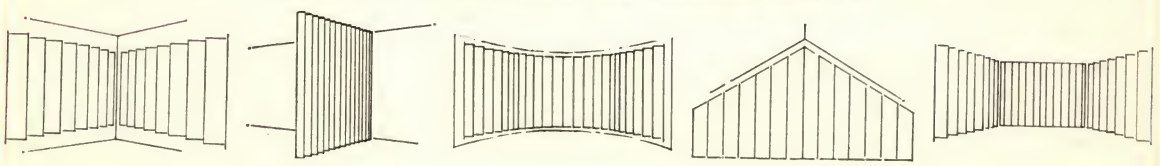
1. Fabric (plastic-coated)
2. Aluminum (enamelled or anodized, any color)
3. Sheet metal (enamelled)
4. Plastic (molded or woven)
5. Fiberglass (molded or woven)

Louvres may vary in width from 2″ to 11″ and extend to 30 foot lengths. Flat, curved, S-shaped and tubular sections are available.

Operation includes 180° rotating and full traversing of louvres by means of single top track or double top and bottom tracks. Tracks may be extruded channel or I-Beam type, painted or anodized, any color, recessed or surface mounted at openings. Chain, crank, rod or cord controls are available.



AVAILABLE IN STANDARD OR CUSTOM MODELS



SUN VERTIKAL BLIND CO.

BOX 112 **GRAND RAPIDS 4, MICHIGAN**

AD 7-12

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